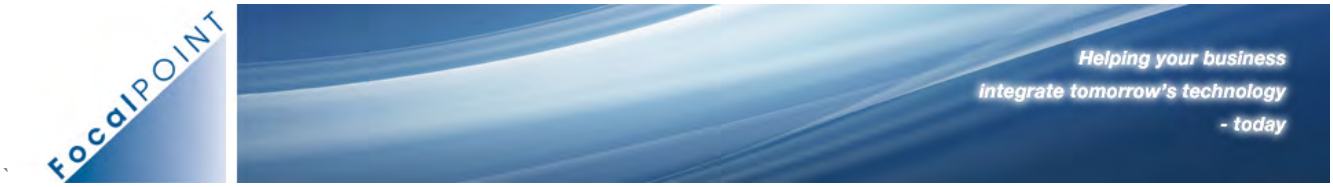
THE FPI MANTIS

Installation and User Guide

DCS6009-02 The FPI Mantis | 2012 Oct | © 2012 Focal POINT. All rights reserved



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INTRODUCTION

The Mantis is a multi-media system, integrated with a Cisco C20 or SX20, easily transforms existing displays or projectors into "room based" video conferencing solutions, maximizing previous investments of audio/visual devices. The Mantis works with almost any flat screen or projection device. Lightweight and highly portable, the Mantis moves easily between rooms and different areas of the building. The integrated audio system ensures everyone in the room has a quality experience. The Mantis is perfect for a wide variety of environments, from Education to the Boardroom, Healthcare settings to Hospitality, and beyond!

SUPPLIED COMPONENTS

The following items are included:

Part # MTS-Mantis-01(for Cisco C20/SX20 codec) consists of:

- Integrated cart without codec and camera
- Full Range Column Speaker
- 15 Watts x 2 Audio Amplifier
- Miniature Cardioid Condenser Boundary Microphone
- Camera Mounting Plate (for Cisco 4x or 12x PHD Camera)
- 5" and 10" Camera Extension Poles
- 5 port Ethernet Switch (2 ports on rear connector panel)
- 15' AC Power Cord for North America
- 15' HDMI male to DVI-D male cable
- DVI-D female to HDMI male adapter
- Internal 12VDC power supply for internal devices and codec
- Bracket for mounting touch panel power supply with Ethernet and ac Y cable
- Cable wrap
- Ancillary Basket
- 2 x RCA Y cables for SX20 codec (2 RCA female jacks to 3.5mm plug)
- 2.1mm to 2.5mm adapter for SX20 codec power
- set of SX20 mounting brackets
- 8 x small tie wraps
- 2 x large tie wraps
- 2 x tie wrap holders, self adhesive
- 2 x M3 x 12 screw for C20 codec (1 spare)
- Installation & Operation Manual

SYSTEM FEATURES

ADJUSTABLE CAMERA HEIGHT

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C20 CODEC INSTALLATION

Follow these steps for installing the Cisco C20 codec. Skip these steps if the codec was installed by Focal Point Inc.

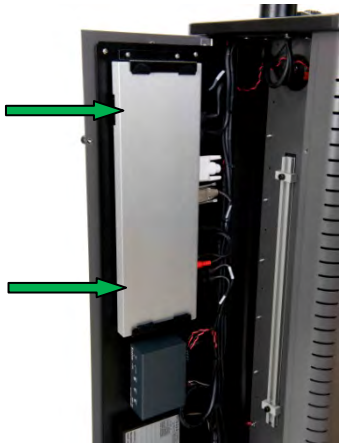
1

Remove accessory basket if required, loosen the thumb screw and pull basket away from rear panel.

2

Open the rear access door by loosening the top and bottom thumb screws.

3



Slide C20 codec into channels as shown with I/O facing in towards cables.

4

Carefully move C20 codec and visually align mounting hole to codec fastening threads. Then insert supplied M3 screw and tighten codec. Insert screw cap into hole.

5

Install the 10” and the 5” extension poles so that cables may be installed for full extension lenght. Loosen the thumbscrew (circled in red) and insert the 10” extension pole and tighten the thumbscrew. Then repeat for the 5” extension pole.

6

Cables may have already been installed at manufacturing, if so just push cables up the extension poles as required. Otherwise insert camera cables into the large opening in the pole down into the cabinet and connect to the codec.

7

Connect cables to the codec (follow cable labels for connections) and fasten the camera cables with supplied tie wraps. Make sure to leave a loop at the top for proper door movement.

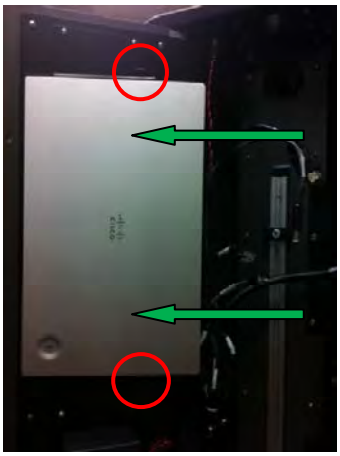
SX20 CODEC INSTALLATION

Follow these steps for installing the Cisco SX20 codec. Skip these steps if the codec was installed by Focal Point Inc.

1

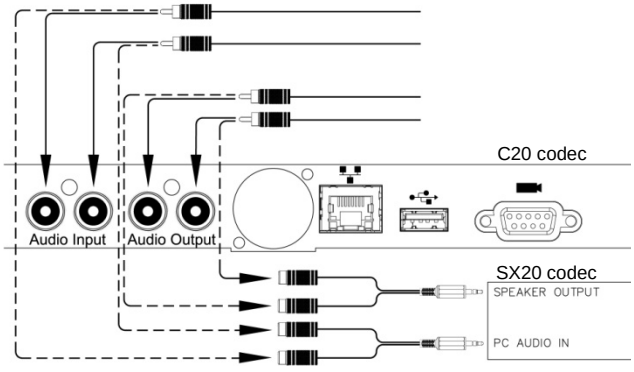
Remove top and bottom C20 mounting brackets and replace them with the SX20 mounting brackets using the same screws.

2



Slide the SX20 codec into the brackets and tighten the thumb screws located on the sides, making sure to not over tighten and the codec is all the way in.

3



Using the supplied Y cable adapters connect the 2 cables as shown above to SX20 codec. Also use the supplied 2.1mm to 2.5 mm power adapter.

4

Install the 10" and the 5" extension poles so that cables may be installed for full extension length. Loosen the thumbscrew and insert the 10" extension pole and tighten the thumbscrew. Then repeat for the 5" extension pole.

5

Cable may have already been installed at manufacturing, if so just push cables up the extension poles as required. Otherwise insert camera cables into the large opening in the pole down into the cabinet and connect to the codec.

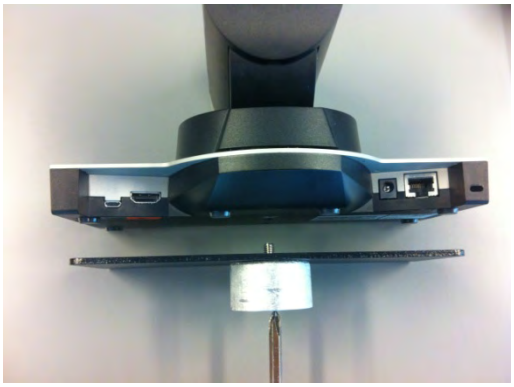
6

Connect cables to the codec and fasten the camera cables with supplied tie wraps. Use the supplied tie wraps to fasten the cables neatly and verify that cables don't interfere with door movement.

CAMERA INSTALLATION

Follow these steps for installing the camera.

1



Place the camera onto the camera bracket and tighten Phillips screw, do not over tighten.

2

Insert the camera with camera bracket over the system pole and tighten the rear thumb screw (may need to loosen the thumb screw first). Then connect the cables to the camera. Once completed, basket can be reattached to cart.

TOUCH PANEL POWER SUPPLY INSTALLATION (Optional)

Follow these steps for installing the touch panel power supply.

1

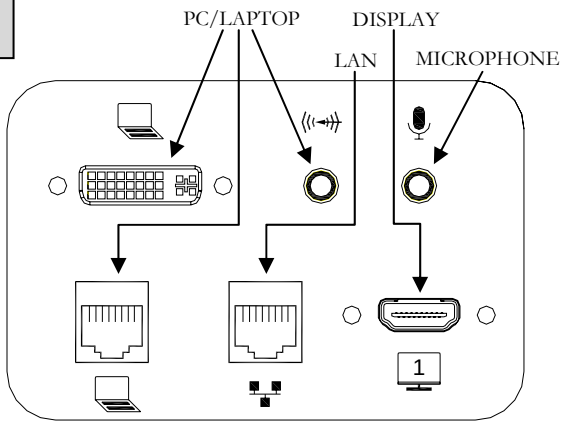
Install the touch panel power supply to power supply bracket within cart. Fasten using tie wrap adhesive holders and tie wraps as shown. Locate and connect the Ethernet cable to Power supply. Also use the supplied Y ac cable to connect power.

2

Insert touch panel cable through hole in pole and connect to power supply. Follow touch panel setup instructions to complete installation.

SYSTEM CONNECTIONS

1



Connect the system Ethernet cable to the local area network. This cable is supplied with the codec. Connect the supplied HDMI cable to your display source. Also connect PC/laptop and microphone as required. These connections are located at the bottom rear of the cart.

2

Plug the power cord to the AC outlet and turn on the system power by pressing on the "**I**".

SYSTEM OPERATION

Please refer to Cisco C20 or SX20 User Manual for codec/camera operation and setup.

SPECIFICATIONS

Weights:

Cart without codec and camera:	40Lbs
Shipping Weight without codec and camera:	64Lbs
Cart with codec and 12x camera:	48Lbs
Shipping Weight with codec and 12x camera:	72Lbs

Dimensions:

Cart footprint:	20"(W) x 20.5"(D)
Maximum Height:	66.5" with 12x camera
Minimum Height :	51.5" with 12x camera

Power Rating:

Voltage Rating:	100-240 VAC, 50-60Hz.
Power Consumption:	Typical 50 Watts with C20 codec/12x camera

System Connections:

Inputs:	DVI-I Analog/digital PC input Line level PC audio input (3.5mm stereo jack) Microphone input for "Quickset" Microphone
Outputs:	HDMI Digital output for external display
Network:	LAN connection (RJ45) Ethernet jack for PC/laptop (RJ45) Internal Ethernet cable for Cisco TelePresence Touch